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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/358,755

DATE: 08/02/1999  
TIME: 14:13:54

Input Set: I358755.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

ENTERED

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1  <110> APPLICANT: KAWABATA, HIROSHI
2      KOEFFLEER, H. PHILLIP
3  <120> TITLE OF INVENTION: NUCLEIC ACIDS ENCODING TRANSFERRIN RECEPTOR-LIKE
4      PROTEINS AND PRODUCTS RELATED THERETO
5  <130> FILE REFERENCE: 8708/D7024 CEDERS-SINAI MEDICAL CENTER
6  <140> CURRENT APPLICATION NUMBER: US/09/358,755
7  <141> CURRENT FILING DATE: 1999-07-22
8  <160> NUMBER OF SEQ ID NOS: 3
9  <170> SOFTWARE: PatentIn Ver. 2.0
10 <210> SEQ ID NO 1
11 <211> LENGTH: 801
12 <212> TYPE: PRT
13 <213> ORGANISM: human cells
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18          20              25              30
19      His Leu Glu Glu Glu Glu Asp Gly Glu Glu Gly Ala Glu Thr Leu
20          35              40              45
21      Ala His Phe Cys Pro Met Glu Leu Arg Gly Pro Glu Pro Leu Gly Ser
22          50              55              60
23      Arg Pro Arg Gln Pro Asn Leu Ile Pro Trp Ala Ala Gly Arg Arg
24          65              70              75              80
25      Ala Ala Pro Tyr Leu Val Leu Thr Ala Leu Leu Ile Phe Thr Gly Ala
26          85              90              95
27      Phe Leu Leu Gly Tyr Val Ala Phe Arg Gly Ser Cys Gln Ala Cys Gly
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29      Asp Ser Val Leu Val Val Ser Glu Asp Val Asn Tyr Glu Pro Asp Leu
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31      Asp Phe His Gln Gly Arg Leu Tyr Trp Ser Asp Leu Gln Ala Met Phe
32          130             135             140
33      Leu Gln Phe Leu Gly Glu Gly Arg Leu Glu Asp Thr Ile Arg Gln Thr
34          145             150             155             160
35      Ser Leu Arg Glu Arg Val Ala Gly Ser Ala Gly Met Ala Ala Leu Thr
36          165             170             175
37      Gln Asp Ile Arg Ala Ala Leu Ser Arg Gln Lys Leu Asp His Val Trp
38          180             185             190
39      Thr Asp Thr His Tyr Val Gly Leu Gln Phe Pro Asp Pro Ala His Pro
40          195             200             205
41      Asn Thr Leu His Trp Val Asp Glu Ala Gly Lys Val Gly Glu Gln Leu
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43      Pro Leu Glu Asp Pro Asp Val Tyr Cys Pro Tyr Ser Ala Ile Gly Asn
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49      Val Arg Val Gly Val Ile Ser Phe Ala Gln Lys Val Thr Asn Ala Gln
50                      275                      280                      285
51      Asp Phe Gly Ala Gln Gly Val Leu Ile Tyr Pro Glu Pro Ala Asp Phe
52                      290                      295                      300
53      Ser Gln Asp Pro Pro Lys Pro Ser Leu Ser Ser Gln Gln Ala Val Tyr
54      305                      310                      315                      320
55      Gly His Val His Leu Gly Thr Gly Asp Pro Tyr Thr Pro Gly Phe Pro
56                      325                      330                      335
57      Ser Phe Asn Gln Thr Gln Phe Pro Pro Val Ala Ser Ser Gly Leu Pro
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60                      355                      360                      365
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63      Leu Gly Ser Pro Tyr His Leu Gly Pro Gly Pro Arg Leu Arg Leu Val
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68                      420                      425                      430
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77      Leu His Leu Lys Ala Val Val Tyr Val Ser Leu Asp Asn Ala Val Leu
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79      Gly Asp Asp Lys Phe His Ala Lys Thr Ser Pro Leu Leu Thr Ser Leu
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81      Ile Glu Ser Val Leu Lys Gln Val Asp Ser Pro Asn His Ser Gly Gln
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88                      580                      585                      590
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99      Trp Val Tyr Ser Ala Arg Gly Asp Tyr Ile Arg Ala Ala Glu Lys Leu
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101     Arg Gln Glu Ile Tyr Ser Ser Glu Glu Arg Asp Glu Arg Leu Thr Arg
102                     690                     695                     700
103     Met Tyr Asn Val Arg Ile Met Arg Val Glu Phe Tyr Phe Leu Ser Gln
104                     705                     710                     715                     720
105     Tyr Val Ser Pro Ala Asp Ser Pro Phe Arg His Ile Phe Met Gly Arg
106                     725                     730                     735
107     Gly Asp His Thr Leu Gly Ala Leu Leu Asp His Leu Arg Leu Leu Arg
108                     740                     745                     750
109     Ser Asn Ser Ser Gly Thr Pro Gly Ala Thr Ser Ser Thr Gly Phe Gln
110                     755                     760                     765
111     Glu Ser Arg Phe Arg Arg Gln Leu Ala Leu Leu Thr Trp Thr Leu Gln
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123     gggcacctgg aggaggaaga ggaagacggg gaggaggggg cggagacatt ggcccacttc 180
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| 197 | cctattcctt | cacggccttt | gtgggagtcc  | ctgccgtcga | gttctccttt | atggaggacg | 1440 |
| 198 | accaggccta | cccattcctg | cacacaaaagg | aggacactta | tgagaacctg | cataaggtgc | 1500 |
| 199 | tgcaaggccg | cctgcccgcc | gtggcccagg  | ccgtggccca | gctcgcaggg | cagctcctca | 1560 |
| 200 | tccggtcag  | ccacgatcgc | ctgctgcccc  | tcgacttcgg | ccgctacggg | gacgtcgtcc | 1620 |
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| 202 | tgcaagtggg | gtactcggcg | cggggggact  | acatccgggc | ggcggaaaag | ctgcggcagg | 1740 |
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| 204 | tgcggttga  | gttctacttc | ctttcccagt  | acgtgtcgcc | agccgactcc | ccgttccgcc | 1860 |
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| 207 | gtttccggcg | tcagctagcc | ctgctcacct  | ggacgctgca | aggggcagcc | aatgcgctta | 2040 |
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VERIFICATION SUMMARY  
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